

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A method of treating or inhibiting obesity in a patient, comprising identifying a compound which inhibits de novo lipogenesis in a mammal, and administering an effective obesity inhibiting amount of said compound to said patient.
2. (Original) A method according to claim 1, wherein said compound is substantially free of anticonvulsant properties.
3. (currently amended) A method according to claim 1, wherein said compound inhibits activity of at least one mammalian carboanhydrase in an *in vitro* enzyme activity test, and reduces an ~~the~~ amount of metabolic products formed in the citric acid cycle of isolated living mammalian cells.
4. (Original) A method according to claim 1, wherein said compound is administered to the patient over a period of at least six weeks.
5. (Original) A method of treating or inhibiting obesity in a patient, said method comprising administering to said patient an effective obesity inhibiting amount of a compound which inhibits de novo lipogenesis in a mammal, with the proviso that said compound is not topiramate.
6. (Original) A method according to claim 5, wherein said compound is a compound that inhibits at least one mammalian carboanhydrase.